

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 251537US96DIV	SERIAL NO. <i>10/828,329</i> New Application
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT	Michael R. JOHNSON
		FILING DATE <i>21 APRIL 2004</i> <i>Herewith</i>	GROUP <i>1624</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ZT	AA	4,177,285	12-04-79	Cragoe, Jr. et al.			
ZT	AB	3,794,734	02-26-74	Cragoe, Jr. et al.			
ZT	AC	3,864,401	02-04-75	Schultz et al.			
ZT	AD	3,914,253	10-21-75	Cragoe, Jr. et al.			
ZT	AE	3,929,872	12-30-75	Cragoe, Jr. et al.			
ZT	AF	3,931,239	01-06-76	Cragoe, Jr. et al.			
ZT	AG	3,953,476	04-27-76	Cragoe, Jr. et al.			
ZT	AH	3,966,966	06-29-76	Cragoe, Jr. et al.			
ZT	AI	4,006,180	02-01-77	Cragoe, Jr. et al.			
ZT	AJ	4,012,524	03-15-77	Cragoe, Jr. et al.			
ZT	AK	4,159,279	06-26-79	Smith et al.			
ZT	AL	4,163,781	08-07-79	Cragoe, Jr. et al.			
ZT	AM	4,163,794	08-07-79	Cragoe, Jr. et al.			
ZT	AN	4,085,219	04-18-78	Cragoe, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

ZT	AW	R. Tarran et al., <u>The CF Salt Controversy: In Vivo Observations and Therapeutic Approaches</u> , <i>Molecular Cell</i> , Vol. 8, 149-158, July 2001.
ZT	AX	Michael R. Knowles et al., <u>Amiloride in Cystic Fibrosis: Safety, Pharmacokinetics, and Efficacy in the Treatment of Pulmonary Disease</u> , Chapter 20, page 301-316. <i>1992</i>
ZT	AY	Louis Simchowitz et al., <u>An Overview of the Structure Activity Relations in the Amiloride Series</u> , Chapter 2, page 9-25. <i>1992</i>
ZT	AZ	J.R. Sabater et al., <u>Aerosolization of P2y2-Receptor Agonists Enhances Mucociliary Clearance in Sheep</u> , <i>The American Physiological Society</i> , page 2191-2196. <i>1999</i>

Examiner  Date Considered *11 OCTOBER 2006*

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 251529US96DIV	SERIAL NO. <i>10/828,329</i> New Application
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Michael R. JOHNSON	
		FILING DATE <i>21 APRIL 2004</i> <i>Herewith</i>	GROUP <i>1624</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>ZT</i>	AA	4,025,625	05-24-77	Rooney et al.			
<i>ZT</i>	AB	4,196,292	04-01-80	Woltersdorf, Jr. et al.			
<i>ZT</i>	AC	4,087,526	05-02-78	Cragoe, Jr. et al.			
<i>ZT</i>	AD	4,087,542	05-02-78	Cragoe, Jr. et al.			
<i>ZT</i>	AE	4,092,414	05-30-78	Cragoe, Jr. et al.			
<i>ZT</i>	AF	4,100,294	07-11-78	Cragoe, Jr. et al.			
<i>ZT</i>	AG	4,105,769	08-08-78	Rooney et al.			
<i>ZT</i>	AH	4,140,776	02-20-79	Cragoe, Jr. et al.			
<i>ZT</i>	AI	4,145,551	03-20-79	Cragoe, Jr. et al.			
<i>ZT</i>	AJ	4,181,727	01-01-80	Cragoe, Jr. et al.			
<i>ZT</i>	AK	4,237,130	12-02-80	Cragoe, Jr. et al.			
<i>ZT</i>	AL	4,237,144	12-02-80	Cragoe, Jr. et al.			
<i>ZT</i>	AM	4,277,602	07-07-81	Woltersdorf et al.			
<i>ZT</i>	AN	4,291,050	09-22-81	Woltersdorf, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

<i>ZT</i>	AW	Thomas R. Kleyman et al., <u>Amiloride and Its Analogs as Tools in the Study of Ion Transport</u> , <i>The Journal of Membrane Biology</i> , Vol. 105, pages 1-21, 1988.
<i>ZT</i>	AX	Edward C. Taylor et al., <u>A Facile Route to "Open Chain" Analogues of DDATHF</u> , <i>Heterocycles</i> , Vol. 28, No. 2, 1989.
<i>ZT</i>	AY	Paul-Michael Windscheif et al., <u>Substituted Dipyrrolethanes and -ethynes and Key Pyridine Building Blocks</u> , <i>Synthesis</i> , pages 87-92, January 1994.
<i>ZT</i>	AZ	Edward J. Cragoe, Jr., <u>The Synthesis of Amiloride and Its Analogs</u> , page 24-38, Chapter 3. <i>1992</i>

Examiner *ZT* Date Considered *11 OCTOBER 2016*

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 251529US96DIV	SERIAL NO. 10/1828,329 New Application
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT	Michael R. JOHNSON
		FILING DATE <i>21 APRIL 2004</i> <i>Herewith</i>	GROUP <i>1624</i>

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ZT	AA	4,003,927	01-18-77	Woltersdorf, Jr. et al.	████████		
ZT	AB	4,296,122	10-20-81	Cragoe, Jr. et al.	████████		
ZT	AC	4,317,822	03-02-82	Woltersdorf, Jr. et al.	████████		
ZT	AD	4,362,724	12-07-82	Bock et al.	████████		
ZT	AE	4,401,669	08-30-83	Cragoe, Jr. et al.	████████		
ZT	AF	3,974,212	08-10-76	Cragoe, Jr. et al.	████████		
ZT	AG	3,984,465	10-05-76	Cragoe, Jr. et al.	████████		
ZT	AH	3,984,552	10-05-76	Cragoe, Jr. et al.	████████		
ZT	AI	4,067,980	01-10-78	Cragoe, Jr. et al.	████████		
ZT	AJ	4,085,117	04-18-78	Cragoe, Jr. et al.	████████		
ZT	AK	4,085,211	04-18-78	Cragoe, Jr. et al.	████████		
ZT	AL	4,246,406	01-20-81	Cragoe, Jr. et al.	████████		
ZT	AM	3,472,848	10-14-69	Edward J. Cragoe, Jr. et al.	████████		
ZT	AN	3,544,571	12-01-70	Edward J. Cragoe, Jr., et al.	████████		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

ZT	AW	Jack H. Li, et al., <u>Stereoselective Blockage of Amphibian Epithelial Sodium Channels by Amiloride Analogs</u> , <i>The Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 267, No. 3, pages 1081-1084, 1993.
ZT	AX	Pallav L. Shah, M.D., <u>Chapter 7, Progress in the Treatment of Pulmonary Disease in Cystic Fibrosis</u> , <i>Annual Reports in Medicinal Chemistry</i> , Vol. 36, pages 67-76, 2001.
ZT	AY	Dieter Worlitzsch et al., <u>Effects of Reduced Mucus Oxygen Concentration in Airway Pseudomonas Infections of Cystic Fibrosis Patients</u> , <i>The Journal of Clinical Investigation</i> , February 2002, Volume 109, Number 3, pages 317-336.
ZT	AZ	Edward J. Cragoe, Jr., et al., <u>Chapter 7: Diuretic Agents</u> , <i>Annual Reports in Medicinal Chemistry</i> , 1966, page 59-68.

Examiner

*Mark J.*Date Considered *11 OCTOBER 2006*

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 251529US96DIV	SERIAL NO. 10/828,329 New Application
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT	Michael R. JOHNSON
		FILING DATE 21 APRIL 2004 Herewith	GROUP 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ZT	AA	3,991,106	11-09-76	Cragoe, Jr., et al.			
ZT	AB	3,991,087	11-09-76	Cragoe, Jr. et al.			
ZT	AC	3,989,749	11-02-76	Cragoe, Jr. et al.			
ZT	AD	3,987,091	10-19-76	Cragoe, Jr. et al.			
ZT	AE	3,979,361	09-07-76	Schultz et al.			
ZT	AF	3,976,686	08-24-76	Cragoe, Jr. et al.			
ZT	AG	3,976,681	08-24-76	Cragoe, Jr. et al.			
ZT	AH	3,958,004	05-18-76	Cragoe, Jr. et al.			
ZT	AI	3,956,374	05-11-76	Shepard et al.			
ZT	AJ	3,928,624	12-23-75	Cragoe, Jr. et al.			
ZT	AK	3,894,065	07-08-75	Cragoe, Jr. et al.			
ZT	AL	3,668,241	06-06-72	Cragoe, Jr. et al.			
ZT	AM	3,625,950	12-07-71	Edward J. Cragoe, Jr.			
ZT	AN	4,298,743	11-03-81	Cragoe, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

ZT	AW	Edward J. Cragoe, Jr., et al., <u>Chapter 7: Diuretic Agents</u> , <u>Annual Reports in Medicinal Chemistry</u> , 1965, page 67-77.
ZT	AX	Robert L. Smith, et al., <u>Chapter 8: Diuretics</u> , <u>Annual Reports in Medicinal Chemistry</u> , Volume 11, pages 71-79, 1976.
ZT	AY	Robert L. Smith, et al., <u>Chapter 7: Diuretics</u> , <u>Annual Reports in Medicinal Chemistry</u> , Volume 13, pages 61-70, 1978.
ZT	AZ	Edward J. Cragoe, Jr., <u>Structure-Activity Relationships in the Amiloride Series</u> , <u>Merck Sharp and Dohme Research Laboratories</u> , 1979, pages 1-20.

Examiner *ZT* Date Considered 11 OCTOBER 2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 251529US96DIV		SERIAL NO. 10/828,329 New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT		Michael R. JOHNSON	
				FILING DATE 21 APRIL 2004 Herewith		GROUP 1624	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
ZY	AA	3,313,813	4/11/67	Cragoe, Jr., et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO	
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
ZY	AW	T.M. Cocks, et al., British Journal of Pharmacology, 95(1), pp. 67-76 (English) 1988.					
ZT	AX	Thomas R. Kleyman, et al., American Journal of Physiology, 260(2, Pt.1), pp. C271-C276 (English), 1991.					
ZT	AY	K.E. Barrett, et al., Annu. Rev. Physiol. 2000; 62, pp. 535-572.					
ZT	AZ	R.F. Epand, et al., British Journal of Cancer, 63(2), 247-51 (English) 1991.					
Examiner <u>Zach J.</u>				Date Considered 11 OCTOBER 2006			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 251537US96DIV		SERIAL NO. 10/828,329	
 LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Michael R JOHNSON			
FILING DATE April 21, 2004				GROUP 1624			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
<i>BT</i>	AO	WO 01/05773 A1	1/25/2001	WIPO	YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ	<input type="checkbox"/> Additional References sheet(s) attached					
Examiner <i>Zeldman</i>				Date Considered <i>11 OCTOBER 2006</i>			

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.